

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY
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JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/21/2011

Patrick Heffernan
Assistant District Attorney, Suffolk County

Dear ADA Heffernan,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]. Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Della Saunders.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Della Saunders analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6622

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- *Oversee the Quality Control/Quality Assurance program for the Drug Lab.
- *Maintenance and repairs of all analytical instruments.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court.
- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Notary Public.

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department for the Food and Drug Administration.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP training with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS trainings with Agilent Technologies and Restek.
HPLC and LC/MS/MS trainings with Waters Cooperation.
FTIR training with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts



DRUG RECEIPT

CC # [REDACTED]

BOOK # 152

PAGE # 15

DESTRUCTION # _____

District/Unit B+1DCU

Name & Rank of Arresting Officer Det. Ross ID# 11358

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Boston

MA.

S. Boston

MA.

Roxbury

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITY

GROSS
WEIGHT

ANALYSIS
NUMBER

COCAINE

1 B/P

1.89 gm

To be completed by ECU personnel only

Name and Rank of Submitting Officer Smalls ID# 9800

Received by [Signature] Date 12.24.10

ECU Control # _____

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. CRAIG SMALLS
Def: [REDACTED]

Date Analyzed: MAR 21 2011

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 12/24/2010

No. Analyzed:

Gross Wt.: 1.89

Net Weight: 0.32

Tests: 6AD

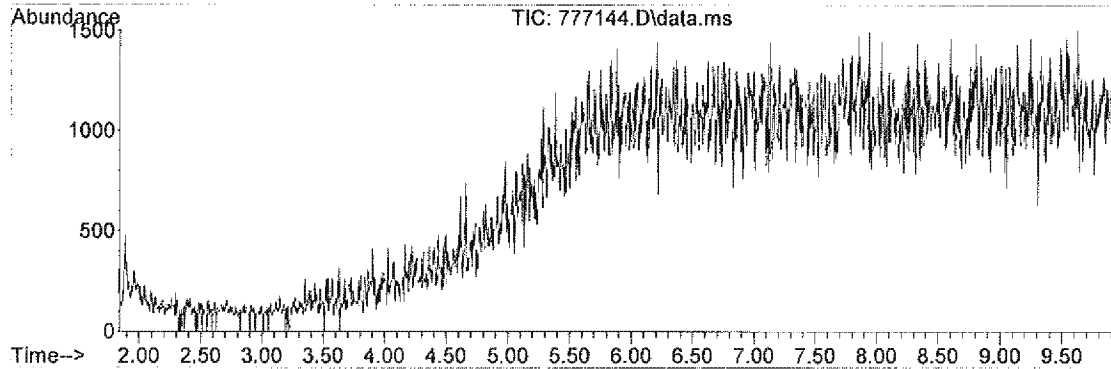
12/28

Prelim: cocaine

Findings: cocaine

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777144.D
Operator : DCS
Date Acquired : 17 Mar 2011 19:05
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



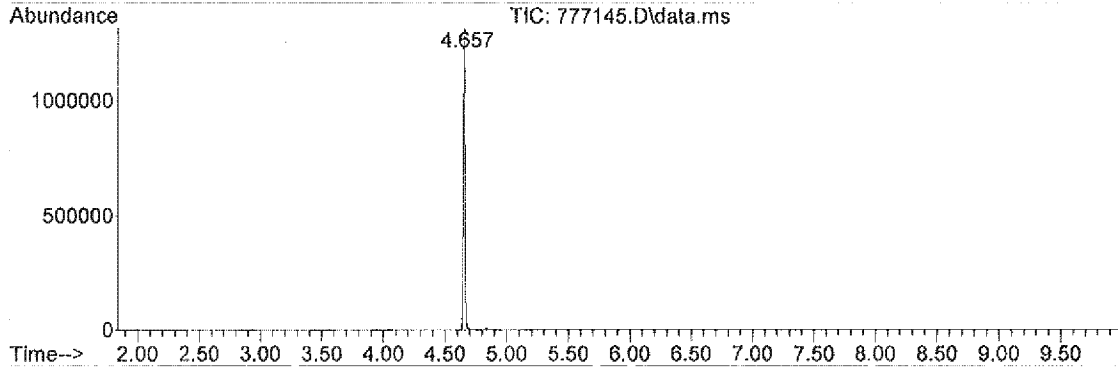
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

✓ 12/13/11 JES

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777145.D
Operator : DCS
Date Acquired : 17 Mar 2011 19:18
Sample Name : COCAINE STANDARD
Submitted by :
Vial Number : 45
AcquisitionMeth: DRUGS
Integrator : RTE



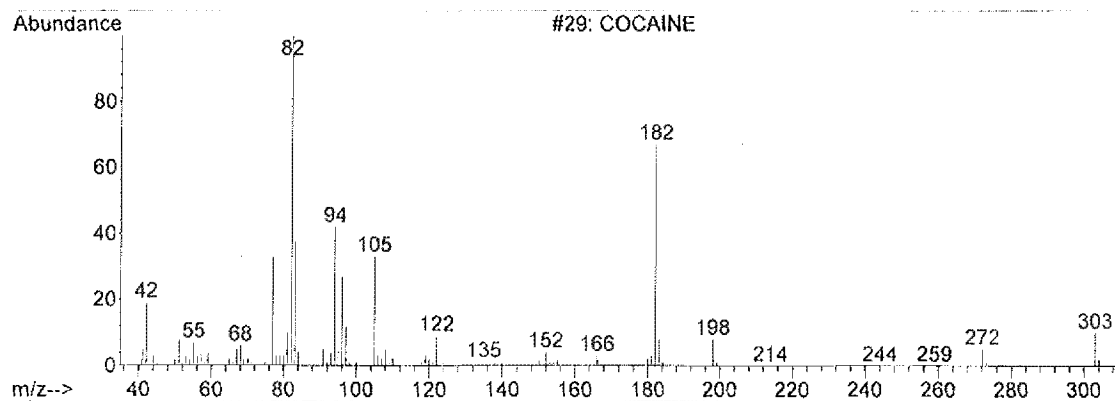
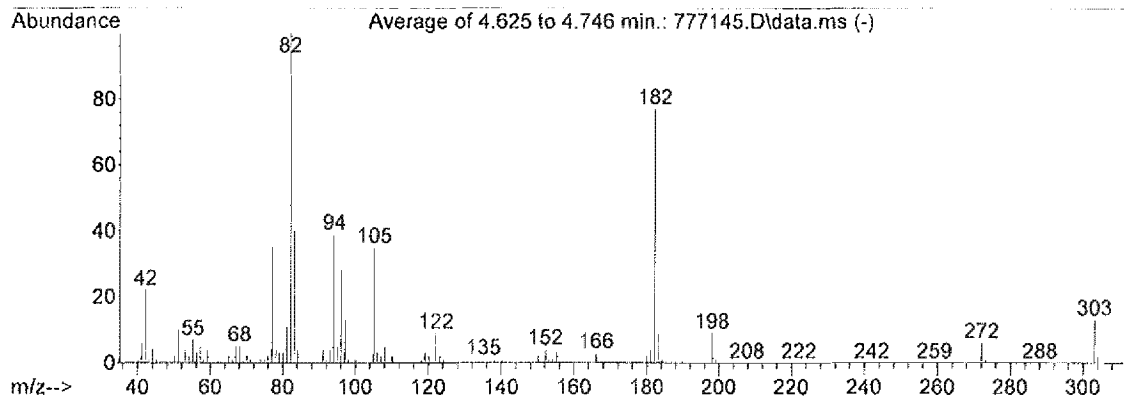
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4.657	1269556	100.00	100.00

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777145.D
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Date Acquired : 17 Mar 2011 19:18
Sample Name : COCAINE STANDARD
Submitted by :
Vial Number : 45
AcquisitionMeth: DRUGS
Integrator : RTE

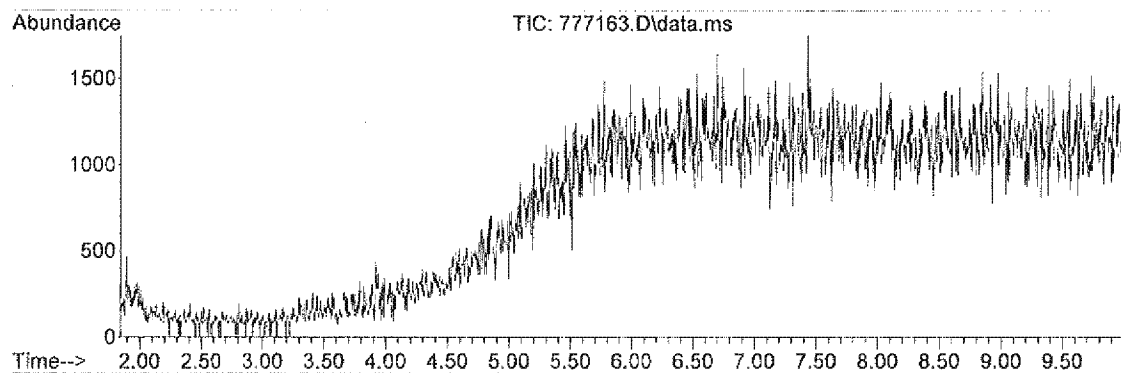
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C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777163.D
Operator : DCS
Date Acquired : 17 Mar 2011 23:24
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE

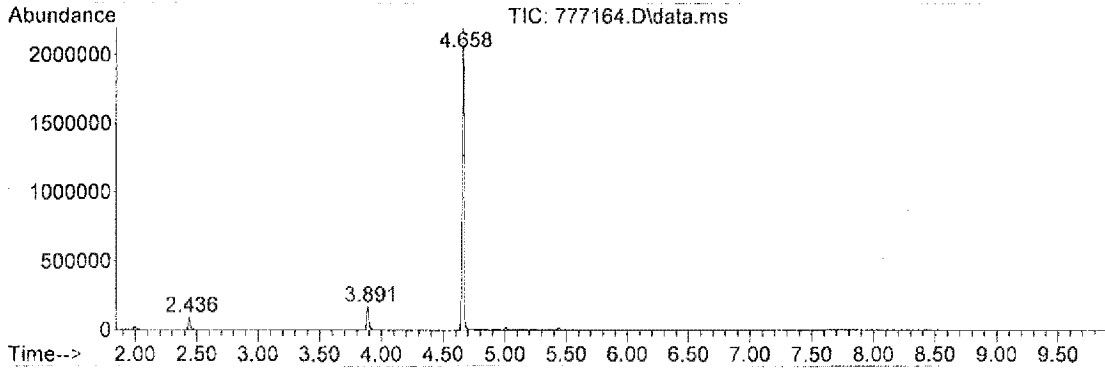


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777164.D
 Operator : DCS
 Date Acquired : 17 Mar 2011 23:38
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 64
 AcquisitionMeth: DRUGS
 Integrator : RTE



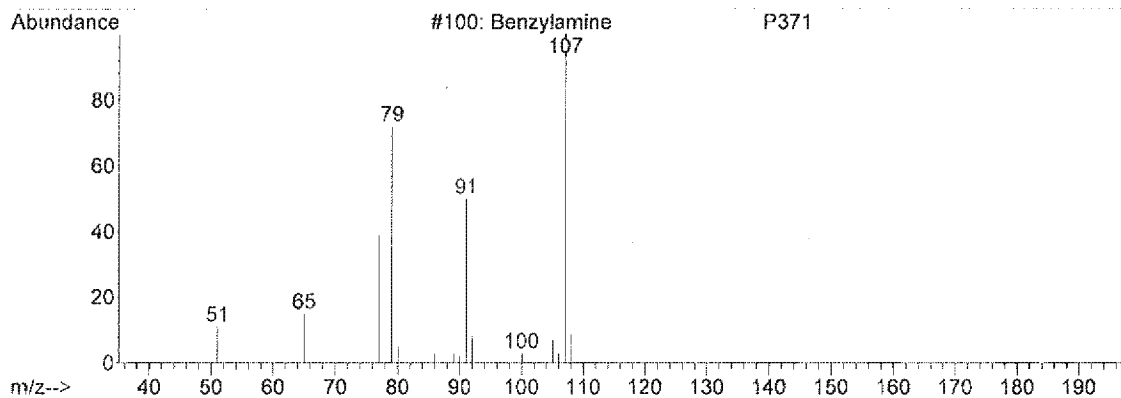
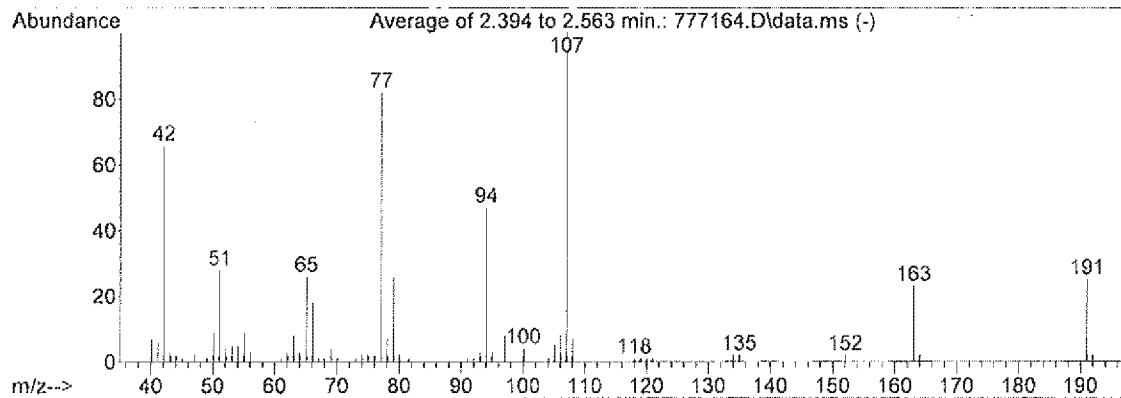
Ret. Time	Area	Area %	Ratio %
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3.891	198860	7.82	8.90
4.658	2234934	87.89	100.00

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777164.D
Operator : DCS
Date Acquired : 17 Mar 2011 23:38
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 64
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.44	C:\Database\PMW_TOX2.L		
		Benzylamine	000100-46-9	9
		p-Toluidine AC	000103-89-9	9
		4-Hydroxyphenylacetic acid	@ 000156-38-7	4



Information from Data File:

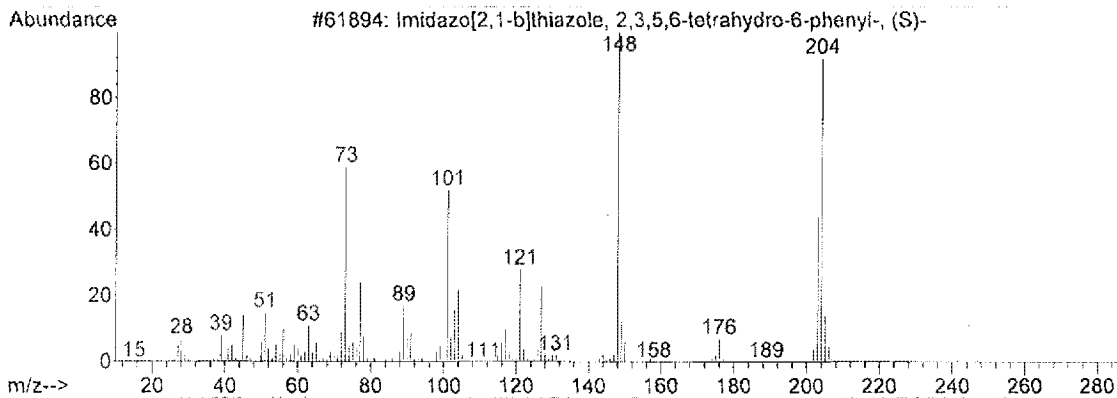
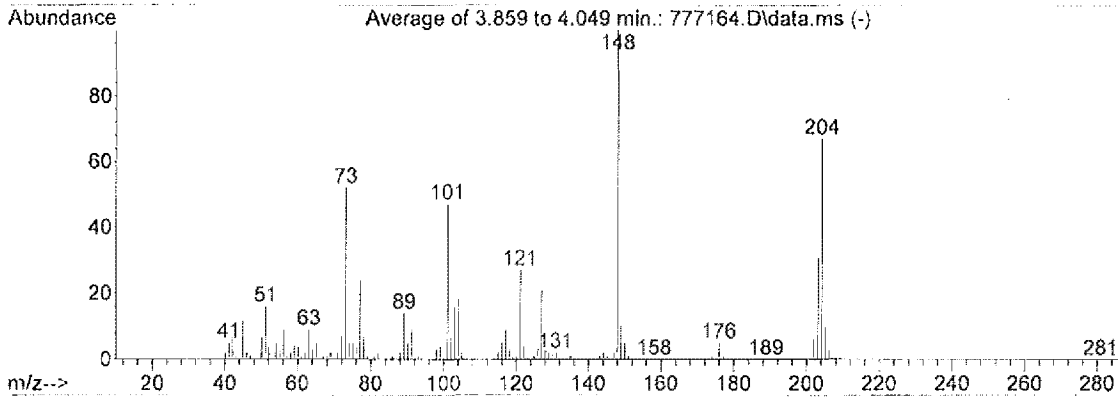
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File Name       : F:\Q1-2011\System4\03_17_11\777164.D
Operator        : DCS
Date Acquired   : 17 Mar 2011  23:38
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 64
AcquisitionMeth : DRUGS
Integrator      : RTE
    
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Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
    
```

PK#	RT	Library/ID	CAS#	Qual
2	3.89	C:\Database\NIST08.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Levamisole	006649-23-6	99
		Levamisole	006649-23-6	98

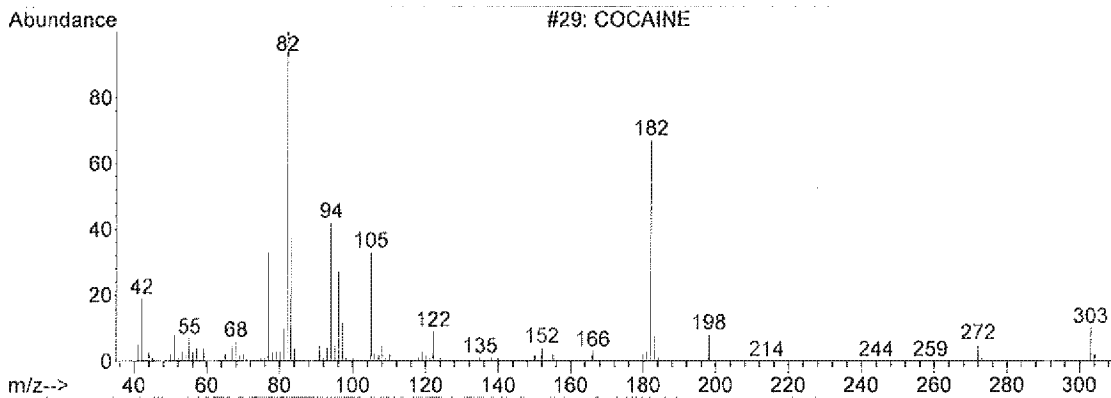
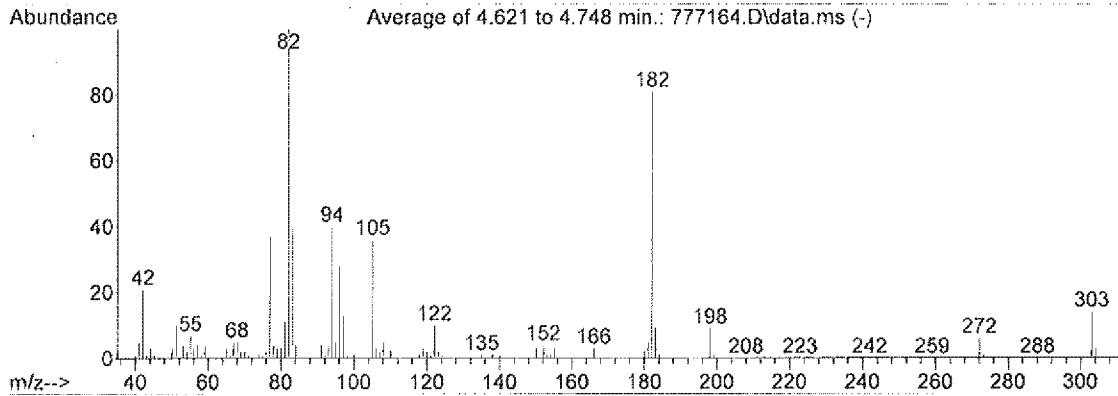


Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777164.D
Operator : DCS
Date Acquired : 17 Mar 2011 23:38
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 64
AcquisitionMeth: DRUGS
Integrator : RTE

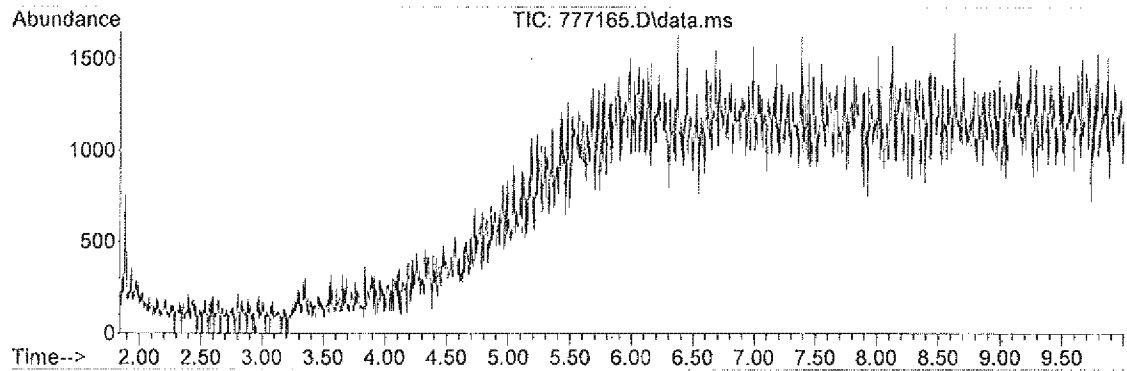
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777165.D
Operator : DCS
Date Acquired : 17 Mar 2011 23:52
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE

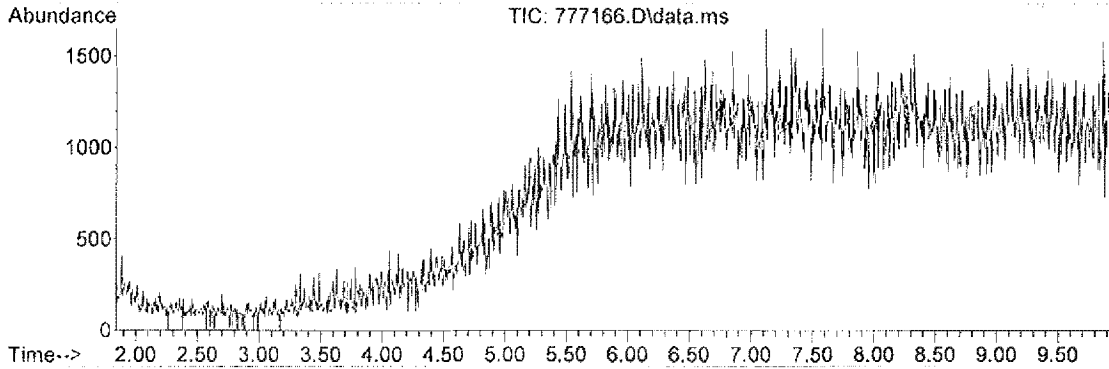


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777166.D
Operator : DCS
Date Acquired : 18 Mar 2011 00:06
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE

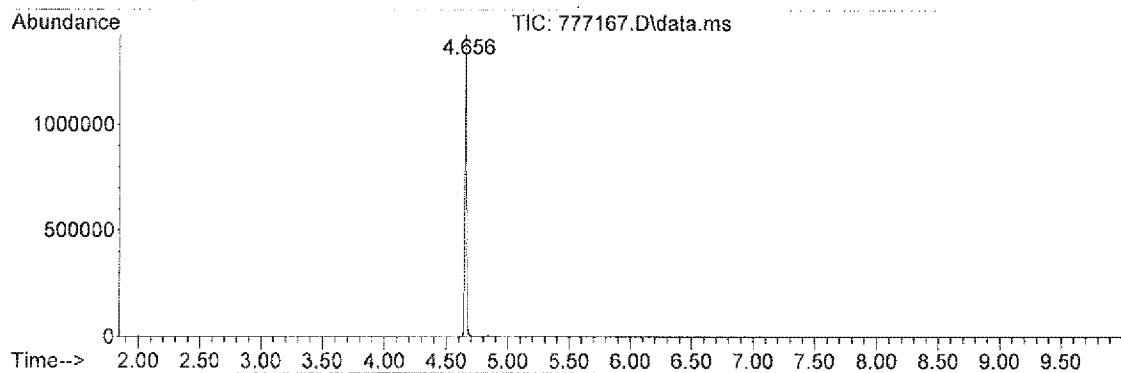


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777167.D
Operator : DCS
Date Acquired : 18 Mar 2011 00:19
Sample Name : COCAINE STANDARD
Submitted by :
Vial Number : 67
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.656	1273445	100.00	100.00

Information from Data File:

File Name : F:\Q1-2011\System4\03_17_11\777167.D
Operator : DCS
Date Acquired : 18 Mar 2011 00:19
Sample Name : COCAINE STANDARD
Submitted by :
Vial Number : 67
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99

